

The School of Chemical Sciences in DCU values the women in our school; the post-doctoral researchers, technical staff, academic staff and administrative staff. Every day, the work they do makes a huge difference to the school, from securing research funding, making sure the labs run smoothly, teaching undergraduate classes, supporting research groups, and being active members of the DCU, national and international scientific community.



Martyna Bartusiak, PhD student

Martyna graduated DCU in 2021 in Chemical and Pharmaceutical Sciences BSc. She completed her internship with Pfizer as a part of her degree. She is currently pursuing a PhD under the supervision of Dr Mary Pryce and Prof. Kevin Ryan (UL). The research is entitled "Dye Synthesised Solar Cells for producing hydrogen (DSSCH₂)". Her research focusses the synthesis of sustainable materials such as Porphyrin-BODIPY for hydrogen generation.



Reabetswe Zwane, PhD student



Reabetswe, originally from South Africa, is doing her PhD in computational chemistry under the supervision of Dr Anthony Reilly. She has published two co-authored papers, including a review paper that was recently featured in a special editorial issue on Crystal Engineering Communications. She has participated in a number of international conferences, including the FORGE summit, where her contribution was awarded 'Best Student Talk'. A keen science communicator, Reabetswe has contributed to *Silicon Republic*, *Famelab*, *Soapbox Science Dublin*, and *Tell it Straight*.

Veronica Dobbyn, Mary Ross, Catherine Keogh, Julie McArthur, Mary Tson, Niamh Costello, Technical team

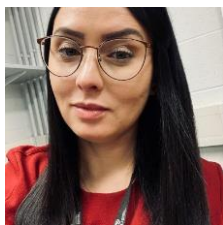
Consisting of Chief Technical Officer, Veronica Dobbyn, senior technical officers Mary Ross and Catherine Keogh, and trainee technician, Niamh Costello, with Julie McArthur and Mary Tson as administrative support. The team delivers the practical element of chemistry to our undergraduate students and supports researchers & PIs by management of laboratories and all associated facilities. Enthusiastic about ensuring our students get extensive & valuable practical experience & skills in line with industrial expectations that gives them a strong foundation for future careers. The team works to see our postgraduates thrive in a well-supported environment with an organised, encouraging and understanding technical team.

Dr Creina Slator, Postdoctoral Researcher

Creina obtained her BSc. in Chemical and Pharmaceutical Sciences in 2012 at DCU and completed her PhD under the supervision Dr Andrew Kellett in 2017. She then continued as a postdoctoral researcher on SFI- and EU-funded projects. Her research focuses on drug-DNA interactions to target genetic-diseases that naturally crosses disciplines, providing a unique interface between bioinorganic, medicinal chemistry and molecular biology. Creina has co-authored 14 publications including a chapter featured in the Royal Society of Chemistry Metal-based Anticancer Agents textbook.



Dr Loanda Cumba, Assistant Professor



Loanda is an Assistant Professor of AI in the school, and was awarded a PhD in Materials Science in 2016 by UNESP (Brazil). Her research interests lie in the development of 2D and 3D printable multi-responsive materials, as a platform for electrochemical/wearable sensing technology. She is currently working on incorporating intelligent design and data analysis into electrochemical sensing technologies. Since taking up her current position in 2021, Loanda has made significant contributions to the new BSc in Chemistry with AI in the school.

Prof. Silvia Giordani, Head of School

Silvia joined the School as Professor Chair of Nanomaterials in 2018 and took on the role of Head of School in 2020. She received her PhD from the University of Miami, and carried out postdoctoral research in Trinity College Dublin (TCD) and Italy. She received the President of Ireland Young Researcher Award and was a Research Assistant Professor from 2007 to 2013. In 2013, she founded the "Nano Carbon Materials" lab at the Istituto Italiano di Tecnologia, and in 2016 she was appointed Associate Professor at the University of Turin, Italy. Her main research interests are in the design, synthesis, and characterization of nanomaterials for smart and responsive applications. She is the author/co-author of over 140 manuscripts, reviews and book chapters.

